

Meet Samuel Stanley

New SBU President, Vice Chair of BSA Board

Samuel L. Stanley Jr., M.D., former Vice Chancellor for Research and professor in the Department of Molecular Microbiology at Washington University, was appointed President of Stony Brook University (SBU) effective July 1.

As President of Stony Brook, Stanley becomes the Vice Chair of the Board of Brookhaven Science Associates LLC (BSA), which manages and operates BNL for DOE's Office of Science. BSA partners Battelle, a nonprofit, applied science and technology company, and The Research Foundation of SUNY, for and on behalf of the SBU, the largest academic user of BNL's facilities. Jeffrey Wadsworth, President and CEO of Battelle, is currently BSA Board Chair. The Chair/Vice Chair positions rotate between Battelle and SBU every two years: the next change will be in January 2010.

"It is a pleasure to welcome Sam Stanley as President of Stony Brook University and a leader of BSA," said BNL Laboratory Director Sam Aronson. "On a recent visit to the Lab, he spoke enthusiastically and with vision about the potential for growth across the spectrum of Stony Brook and Brookhaven's research strengths and mutual interests. For the past



Joseph Rubino D8480708

15 years, we have been extremely fortunate in the leadership of Shirley Strum Kenny, whose strong support resulted in many productive research collaborations between our two institutions. Now, we look forward to broadening our alliance with SBU and Cold Spring Harbor Laboratory, to the benefit of all three institutions and our ability to address some of the key challenges facing our nation."

"I am very pleased to play a role in the leadership of Brookhaven National Laboratory, a true jewel in the crown of the United States Department of Energy laboratories," said Stanley.

See *SBU's Stanley* on pg. 2

First Major Milestone Achieved For BNL's Next Big Machine, NSLS-II

The last day of June marked the culmination of almost four years of research and engineering design in the development of the magnet girder assembly for NSLS-II. On that day, a preliminary test was held of one of the project's critical design issues — to determine how closely the magnets would stay aligned when they are moved from their assembly point to the NSLS-II tunnel. Two weeks later, the results were in, and confirmed that the magnets' high-precision alignment would survive the process of transporting and installing and fixing the girders to the ground in the tunnel.

Ferdinand Willeke, Director of the NSLS-II Accelerator Systems Division, said, "With these results, we can declare victory. A very complicated alignment process was proven possible, which has never been done before. It is a major achievement and a very important step towards the realization of the NSLS-II project."

The project is funded by DOE's Office of Basic Energy Sciences.

Willeke praised the contributions of everyone who was a part of the achievement. "It was a true team effort and includes the scientists, engineers and technicians who developed the new alignment technique, the workers who moved the magnets around with high precision, the staff who developed procedures to fix the magnets to the girder without destroying the alignment, and those who did all the girder stability analysis," he said. "Many individuals contributed ingenious ideas,



Alex Reben

Members of the magnet team gathered in the clean room in the Building 902 annex after the experiment are: (from left) Rodger Hubbard, NSLS-II; Raymond Ceruti, Superconducting Magnet Division (SM); Animesh Jain, SM, John Skaritka, NSLS-II; Francis Karl, Collider Accelerator Department; and Charles Spataro, NSLS-II. Not pictured but very much part of the event are: John Cintorino, SM; Thomas Dilgen, AM; Piyush Joshi, AM; Jim O'Malley, Site Services Division; and Andrew Sauerwald, SM.



Alex Reben

The project team lowers the girder with magnets attached onto a flatbed truck for its trip around the Lab site.



Watch the video on the Lab's YouTube Channel:
www.youtube.com/brookhavenlab

and I'm very proud of the entire team. We accomplished quite a piece of accelerator R&D that will not only be important for NSLS-II, but

constitutes an advance for the entire field."

During the experiment, the magnetic centers of the...
See *NSLS-II Magnets* on pg. 2



Roger Stoutenburgh D8580908

From left, BERA and Quality of Life Supervisor Christine Carter, BERA Service Award Winner Elliott Levitt, and Lab Director Sam Aronson.

Elliott Levitt Honored With BERA Service Award

At the annual Employee Recognition Ceremony held on June 22 in Berkner Hall, 13 BNLers were honored with the Lab's highest awards: five received the Brookhaven Award, five, the Engineering & Computing Award, two, the Science & Technology Award, and one, Elliott Levitt of BNL's Internal Audit & Oversight Office, was presented the first-ever BERA Service Award, with a cheque for \$1,000, by Christine Carter, Recreation & Quality of Life Supervisor. The winners of the Brookhaven, Engineering & Computing, and Science & Technology Awards were featured in previous Bulletins; the BERA Award winner is featured below.

Elliott Levitt, a principal auditor in BNL's Internal Audit & Oversight Office, was honored with the first BERA Service Award ever given, recognized for his long-term dedication and commitment as the volunteer treasurer of the Brookhaven Employee Recreation Association (BERA). BERA sponsors all the clubs and many events at the Lab, enabling Lab employees, visitors, guests, retirees, and their families to join in a very wide variety of sports, cultural activities and trips, which countless BERA members have agreed are a major contribution to good morale at BNL.

BERA is a full-scale business, operated independently from BNL and from Brookhaven Sci-

ence Associates, the corporation that manages the Lab. The scope of BERA is similar to many small businesses, and the number of employees can reach more than 30 during the summer months. Levitt voluntarily manages BERA's payroll, accounts payable, accounts receivable, unemployment, and disability documentation. He also prepares the quarterly and yearly New York State and federal tax returns, reconciles bank accounts, and more. In addition, he is always ready to share his valuable legacy knowledge of all things BERA whenever it is needed. His immeasurable contribution to the smooth running of such a vital part of the Lab community's well-being is gratefully recognized.



Roger Stoutenburgh D8128808

Participants of the Gen IV Proliferation Resistance & Physical Protection Workshop, hosted at BNL on July 8 and 9.

International Workshop Held at BNL On Designs for Next-Generation Reactors

In the world of designing new "Generation IV" nuclear reactors and their associated fuel cycles, proliferation resistance and physical protection, known as PR&PP, are of key importance. Along with safety, economics, and waste management, PR&PP is one of the high-level goals for future nuclear energy systems being designed by member countries of the Generation IV International Forum. At a "Gen IV PR&PP Workshop" hosted by BNL on July 8 and 9, some 30 international experts from six countries met to discuss drafts of white papers on these topics that

resulted from an initial PR&PP Workshop held at BNL in May 2008. The white papers were developed jointly by members of the PR&PP working group and representatives of the Systems Steering Committees who are experts in the nuclear reactor field and represent the six futuristic designs being developed. Representatives of each committee attended the July meeting and the May 2008 meeting.

At the recent workshop, participants reviewed and advanced current drafts of the white papers, focusing on their specific PR&PP aspects; identified PR&PP

issues deserving specific R&D efforts for each of the six designs; and identified crosscutting PR&PP issues relevant for various nuclear energy systems that could be investigated within joint studies by the various design groups.

Said Robert Bari of BNL's Energy Sciences & Technology Department, who coordinated the workshop, "This workshop was an important advance for the six future reactor designs because it showed the designers how to incorporate key concepts of PR&PP into next-generation reactor systems." — Jane Koropsak

CALENDAR

OF LABORATORY EVENTS

- The BERA Store in Berkner Hall is open weekdays from 9 a.m. to 3 p.m. For more information on BERA events, contact Andrea Dehler, Ext. 3347, or Christine Carter, Ext. 2873.
- Additional information for Hospitality may be found at www.bnl.gov/hospitality/calendar.asp.
- The Recreation Building #317 (Rec. Hall) is located in the apartment area.
- Events flagged with an asterisk (*) have an accompanying story in this week's Bulletin.

— REGULARLY —

Weekdays: Free English for Speakers Of Other Languages Classes

Beginner, Intermed., Adv. classes, various times. All welcome. Learn English, make friends. See <http://www.bnl.gov/esol/schedule.asp> for schedule. Jen Lynch, Ext. 4894

Mondays: BNL Social & Cultural Club

Noon-1 p.m., Brookhaven Center, South Room, free beginners dance lessons. Rudy Alforque, Ext. 4733, alforque@bnl.gov

Mondays & Thursdays: Kickboxing

\$5 per class. Noon-1 p.m. in the gym. Pay as you go. Ext. 8481

Mon., Thurs., & Fri.: Tai Chi

Noon-1 p.m., B'haven Cntr N. Rm. Adam Rusek, Ext. 5830, rusek@bnl.gov

Tuesdays: BNL Music Club

Noon, B'haven Center, N. Room. Come hear live music. Joe Vignola, Ext. 3846

Tuesdays: Knitting Class

Will resume in September. 2-4 p.m. Rec. Hall. All levels of skill. Ext. 5090 for information.

Tuesdays: Toastmasters

3 monthly meetings: 2nd Tuesday: Noon, Berkner, Rm. D. 1st & 3rd Tuesdays, 5:30 p.m., Bldg. 463, Rm 160. Guests, visitors welcome. <http://www.bnl.gov/bera/activities/toastrists/>

Tue., Wed. & Thurs.: Rec Hall Activities

5:30-9:30 p.m. General activities, TV, ping pong, chess, games, socializing. Christine Carter, Ext. 5090

Tuesdays & Thursdays: Jiu Jitsu

6:30-7:30 p.m. Tuesdays: Brookhaven Center, Thursdays: Gym. All levels, 6 yrs. to adult. \$65 per month or \$10/class, pay as you go. Tom Baldwin, Bldg. 452, Ext. 4556

Tuesday & Thursday: Aqua Aerobics

Will resume in September. 5:30-6:30 p.m., Pool. Registration is required. Ext. 2873

Wednesdays: On-Site Play Group

10 a.m.-noon. Apartment area playground. Infant/toddler drop-in event. Parents meet while children play. Restarts 9/10. Petra Adams, 821-9238

Wednesdays: Ballroom Dance Class

To be resumed in September

Wednesdays: Yoga

Noon-1 p.m., B'haven Center. Free. Ila Campbell, Ext. 2206, ila@bnl.gov

1st Wednesday of month: LabVIEW

1:30-3 p.m., Bldg. 515, 2nd fl. Seminar Rm. Free technical assistance from LabVIEW consultants. Ext. 5304, or Terry Stratoudakis, (347) 228-7379

Thursdays: BNL Cycletrons Club

Noon-1 p.m., First Thurs. of month. Berkner, Rm. D. Toni Hoffman, Ext. 5257

Thursdays: Reiki Healing Class

Noon-1 p.m., Call for location. Nicole Bernholz, Ext. 2027

Fridays: BNL Social & Cultural Club

Noon-1 p.m., B'haven Center, S. Room, free beginners dance lessons. 7-11:30 p.m. N. Ballroom, Dance Social, workshops. Rudy Alforque, Ext. 4733, alforque@bnl.gov

Fridays: Family Swim Night

5-8 p.m. BNL Pool. \$5 per family

Fridays: Family Gym Night

5-8 p.m. Family gym activities. Free



Remember To Donate To the BNL Food Drive!

If you read local papers, you know that more Long Islanders than ever need donated food or they will go hungry. Please help by giving canned goods, as generously as possible. Don't forget. BNL Food Drive bins are in many areas, e.g., in the lobby of Bldg. 400, or in Bldg. 179 near the U.S. Mailroom. Thanks!

In Memoriam

James Shield, who joined the Central Shops Division as a machinist on July 15, 1968, and retired as a tool and instrument maker on January 9, 1987, died on April 21, 2009. He was 85.

Warren Marks, who became a technician in the Physics Department on November 17, 1969, moving to the Alternating Gradient Synchrotron Department in 1971, died at 77 on May 17, 2009. He retired on June 23, 1978.

Gene Rohde, who joined the Plant Engineering Division as a carpenter on November 29, 1976, and retired from the Lab on March 29, 1991, died on May 20, 2009. He was 79.

Vincent Angeloro, who joined the Supply & Materiel Division on July 30, 1962, as a warehouseman, died at 74 on May 29, 2009. In 1969 he joined a Personnel Division Apprenticeship program and in 1973 qualified as an electrician A and moved to the Plant Engineering Division until retirement on August 5, 1988.

Gerald Dennehy, who joined the Department of Applied Science as a systems engineer II on November 18, 1974, and moved to the Contracts & Procurement Division in 1984, died at 86 on June 6, 2009. He retired as a senior contract specialist on December 31, 1986.

Herbert Schulman, who joined the Lab as a senior designer on September 13, 1965, died at 76 on June 7, 2009. After moving to the Health Physics Division in 1972, he was named a project engineer I in 1980 and retired on May 31, 1998.

Henry Dawson, who joined the Plant Engineering Division on August 23, 1965, as an electrician A, and retired on January 31, 1995, as an electrician A Group Leader, died on June 16, 2009. He was 77.

Edward Iberger, who joined the Plant Maintenance Division as an electrician A on January 28, 1963, was named a planner/estimator in 1983, and retired on November 30, 1989, died at 82 on July 13, 2009.

Arrivals & Departures

— Arrivals —

Abdullah Al-Mahboob CFN
 Michael BrandtITD
 Christopher Danneil..... NSLS
 Chung C. Ho C-AD
 Evgueni Nazaretski..... NSLS II
 Marc-Andre Pleier Physics
 Thomas Smith..... C-AD
 Wencan Xu..... C-AD

— Departures —

None

Attention Grad Students!

Graduate students at BNL are invited to participate in the new Provost's Graduate Student Lecture Series, which is being presented by Stony Brook University's (SBU) Graduate School. To apply, send a brief statement about your work and a nomination from your mentor to Charles Taber, Associate Dean of the Graduate School, ctaber@notes.cc.sunysb.edu.

CIGNA Questions? Get Answers, 8/26

Attention, all CIGNA Medical, Dental and Flexible Spending Account participants: A representative from CIGNA Healthcare will be on site in the Research Support Building, Bldg. 400, on Wednesday, August 26, to assist you with any claims issues that you have been unable to resolve yourself. Mary Beth Kivlen will be available by appointment from 10 a.m. to 1 p.m. Appointments will be scheduled every 30 minutes. Be sure to bring all pertinent documentation to your meeting. To schedule an appointment, call Jorge Romero, Benefits Office, Ext. 5126.

Service Anniversaries

The following BNL employees celebrated a service anniversary during March 2009:

— 50 Years —
 Nicholas Samios.....Dir.'s Office
 — 35 Years —
 Laurence Littenberg Physics
 — 30 Years —
 Charles Bloxon C-AD
 Kathleen Brown C-AD
 Sebastian DimaiutaMagnet
 Jose MendezNSLS-II
 Philippe Ouvrard..... En./Utils.
 Peter Popken C-AD
 Robert Scheuerer NSLS
 Edward WeigandMagnet
 Ralph Wilson.....Safety & Health
 — 25 Years —
 Linda Greves.....Safety & Health
 Harold Heffert En./Utils.
 Richard Lagattolla Env. Waste
 Stephen Perlstein C-AD
 Thomas Russo C-AD
 Christopher Watts C-AD
 — 20 Years —
 William Bockelmann..Facils./Ops.
 Michael Buckley NSLS
 Richard DeRocher Facils./Ops.
 Raymond DiazNNS
 Robert Eger.....Maint/Fabr.
 Theodore Heuer..... Rad. Control
 Stephen Thompson...Facils./Ops.
 Edward Ulrich C-AD
 Kathryn Warburton NSLS
 — 10 Years —
 Alexander Bazilevsky Physics
 Louis Briones.....Bus.Syst.
 Kathleen Gurski CEGPA
 Stephen Klerk Waste Mngmt.
 Christopher Naylor C-AD
 Gabriel Vignato Env. Sci.

The following BNL employees celebrated a service anniversary during April 2009:

— 40 Years —
 Georgia Irving Budget
 Cornelius Jackson..... CEGPA
 — 35 Years —
 Edward BrosnanITD
 — 30 Years —
 Philip Cerniglia..... C-AD
 Pamela Esposito..... Physics
 Donna GrabowskiInstrum.
 Francis Karl..... C-AD
 Anthony Lenhard NSLS
 Robert Medina.....Site Services
 Louis Russo C-AD
 Charles Pearson C-AD
 Arlean Vanslyke ...Safety & Health
 Sharon Zuhoski..... Envi.Sci.
 — 25 Years —
 John Addressi C-AD
 Mark Davis..... Env. Waste
 Steven Tepikian C-AD
 — 20 Years —
 Thomas Daniels.....Moderniz. Off.
 Dane De FioSite Services
 Manuel Grau C-AD
 Mary Lynn Heinrich.....ITD
 John Morris..... C-AD
 — 10 Years —
 Severino Binello..... C-AD
 Alain DomingoLS Dir.
 Deborah JacksonSite Services
 Michael Robles Rad. Control
 Diane Rocco Waste Mngmt.
 Anthony Santiago NSLS
 Cynthia Von GerichtenFiscal

In Memoriam

Employee Louis Briones



Louis Briones, an applications engineer in the Business Systems Division (BSD), died on May 13, 2009, at the age of 76.

Briones, who held a 1963 Bachelor of Science degree in physics from Adelphi University, joined BNL's Fiscal Division on March 8, 1999, as an advanced business systems programmer. On June 1, 2000, he transferred to BSD. He became an applications engineer on May 1, 2001.

At BSD, Briones was responsible for quality assurance in PeopleSoft financial systems, working closely with the programmers to ensure that all programs operated as expected. For example, when WebReq, the system used to put requisitions on the web, was first introduced at the Lab, Briones was the lead tester and ensured the success of the new program.

Said his supervisor, Steven Giovine, "Lou was an excel-

lent worker, always pleasant and cheerful, and ready to take on another task or help in any way. He enjoyed joining in BERA activities and the health culture at the Lab. He regularly walked or biked from our building, which is on Renaissance Circle, to Berkner for lunch. He was a good person to work with, and we miss him."

A resident of Rocky Point, Louis Briones is survived by his two sons, Brian and William Briones.

SBU's Stanley from pg. 1

... "The partnership between BNL and Stony Brook is one of those unique relationships that truly strengthen each side. While we have enjoyed tremendous success, I believe we are poised to do even more as we develop the three-way alliance with Cold Spring Harbor Laboratory, and I look forward to working with Director Aronson and Cold Spring's President Stillman in moving all three institutions forward."

The University's Office of Brookhaven National Laboratory Affairs is run by Michael Marx, a high energy physicist at BNL from 1975 to 1980 who now teaches at Stony Brook and continues to collaborate with BNL researchers.

Said Marx, "The arrival of President Stanley heralds a new era of closer relations between BNL and Stony Brook. The President has already toured BNL facilities, has met its scientific leadership, and is supportive of initiatives in photon sciences, energy and

climate research, and in bio-imaging."

Samuel Stanley received his B.A. in 1976 from the University of Chicago and his M.D. in 1980 from Harvard Medical School. The author and co-author of dozens of peer-reviewed articles and scholarly publications, he holds several patents and is credited with substantially advancing Washington University's research enterprise. As Vice Chancellor there, he oversaw a research portfolio of \$548 million, including \$391 million in National Institutes of Health (NIH) funding. Since 2003, he has also served as Director of the NIH-funded Midwest Regional Center for Excellence for Biodefense and Emerging Infectious Diseases. Stanley serves on the NIH National Advisory Allergy & Infectious Diseases Council, the U.S. Department of Commerce Emerging Technology and Research Advisory Committee and is an Ambassador for the Paul G. Rogers Society for Global Health Research. — Liz Seubert

NSLS-II Magnets from pg. 1

...magnets were aligned inside the environmental room to within a few microns. The team then extracted magnets from the room, put them onto a truck that traveled around the site, then returned the magnets to Building 902. The team then reassembled the magnets in position and measured how far they moved out of alignment. As hoped and predicted by the team, the magnets stayed very closely aligned.

"We were fairly confident that the magnets would stay aligned within about plus-or-minus 10 microns," said John Skaritka of the NSLS-II project team. "But it's exciting to get the exact measurements and confirm that our process will be successful."

Unlike those of almost any other accelerator built in the world today, NSLS-II magnets have extremely tight alignment tolerances that must be met. The magnetic fields centered inside these magnets must be co-axial, with a com-

mon axis within 30 microns. Experimental girders — early versions of what will go in the NSLS-II tunnel — were built in Building 902 and were developed and tooled to see how well the magnetic centers of the magnets can be maintained on this common axis. A special technique invented at Cornell University was advanced and used to align the magnetic centers of each of the magnets within a few microns, quite a feat in itself.

"We used a Memorandum of Understanding between BNL departments to pull Lab resources towards the greater goal of building NSLS-II," said Skaritka. "No one department at BNL has all the resources to build this machine, so people across the Lab work anywhere from one hour a day to full-time in this effort."

Following confirmation of the test results, a celebratory luncheon was held for the entire team on the experimental floor where all their work took place and culminated in such a grand success. — Kay Cordtz

A Friendly Gathering of BNL Retirees

BNL's retirees spent the afternoon of June 4 renewing friendships and sharing memories over a delicious lunch at the Bellport Country Club. At the event, which was organized by Brookhaven Retired Employees Association (BREA), guest speakers were Doon Gibbs, Deputy Director for Science & Technology, and Tony Bowman, newly appointed Chief Human Resources Officer. After a welcome from BREA President Arnie Peskin, Gibbs outlined recent developments at the Lab, including the National Synchrotron Light Source II project, the Center for Functional Nanomaterials, and future plans for the Relativistic Heavy Ion Collider. Bowman expressed his enthusiasm at having joined BNL and his interest in working with BREA members in the future.

To benefit BREA, a raffle was held for a basket of tempting groceries, which was won and shared with other lunch attendees by Mona Rowe of BNL's Community, Education, Government & Public Affairs. A 50/50 raffle was won by Sue Foster of the Human Resources & Occupational Medicine Division, who donated her share to the RETT Syndrome Foundation in honor of her niece.

Members of the BREA Lunch Committee, which was chaired by Flo O'Brien and Alyce Daly and included the late Graham Campbell, as well as Dave Cox, Ronnie Evans, Arnie Peskin, Ena-Mae Franz, Carol Kramer, Harriet Martin, Ken Mohring, Martine O'Connor, and Myron Strongin, thank all who attended and made the day a memorable one. They look forward to next year's luncheon, and to seeing more BREA members at the monthly meetings.

Photos by Joseph Rubino



CALENDAR

— THIS WEEKEND —

Friday 8/14

***Singles Club BBQ**
5 p.m. Gazebo. All are welcome. RSVP to Kim Hayes, Ext. 7465 or khayes@bnl.gov.

— WEEK OF 8/24 —

Monday, 8/24

IBEW Meeting
6 p.m. Centereach Knights of Columbus Hall, 41 Horseblock Rd., Centereach. A meeting for shift workers will be held at 3 p.m. in the union office. The agenda includes regular business, committee reports, and the president's report.

***Defensive Driving, Part I of Two**
6-9:15 p.m. Brookhaven Center, South Room. Point & insurance deductions. \$38. Registration required, call 821-1013, leave tel. no. See notice below left.

Thursday, 8/27

***Defensive Driving, Part II of Two**
6-9:15 p.m. Brookhaven Center, South Room. Part II. See notice below left.

Saturday, 8/29

***Biker BBQ & Family Picnic**
Noon. Gazebo. The Cycletrons invite all with an interest in motorcycles to a picnic. Tickets are \$10, children of 12 and under are free. See notice below, left.

— WEEK OF 9/7 —

Monday, 9/7

Lab Closed for Labor Day Holiday

Note: This calendar is updated continuously and will appear in the Bulletin whenever space permits. Submissions must be received by the preceding Friday at noon to appear in the following week's Bulletin. Enter information for each event in the order listed above (date, event name, description, and cost) and send it to bulletin@bnl.gov. Write "Bulletin Calendar" in the subject line.

13th Annual Biker BBQ & Family Picnic

The Cycletrons, BNL's Motorcycle Club, invite all club members, their families, friends, and others who have an interest in motorcycles to their 13th Annual Biker BBQ and Family Picnic, on Saturday, August 29, starting at noon at the gazebo.

Tickets are \$10; children of 12 and under are free. Hamburgers, hot dogs, salads, and soda will be available, as well as various games, raffles, kids' activities, and more. It's a great day for the whole family. To purchase tickets, contact Tony Arno, Ext. 6153, Charles Gardner, Ext. 5214; John McCaffrey, Ext. 2075.

Book, CD, DVD Donations Needed For AdoptaPlatoon Fundraiser

The AdoptaPlatoon chapter at Brookhaven Lab is collecting gently-used books, DVDs, and CDs (in original cases) for an upcoming fundraiser. Donations can be dropped off at the front desk area of the Occupational Medicine Clinic in Bldg. 490. If you are interested in volunteering for the event or have any questions, please call Denise Rodgers or Janet Sikora at Ext. 3670.

Sociology: SCCC Course Offered on Site

Suffolk County Community College (SCCC) will offer the following course on site for the fall 2009 semester. It is a core course for most SCCC degrees and fulfills the SUNY General Education Requirement for Social Sciences.

SOC101: Introduction to Sociology

Fundamental principles and concepts of sociology including culture, interaction, norms, values, institutions, stratification and social change. No prerequisite — 3 credit course.

Employees who take college courses may apply for tuition assistance. BNL offers tuition advances or reimbursements at 75 percent for undergraduate courses. For more information, contact Starr Munson, munson@bnl.gov, or Ext. 7631.

Defensive Driving Course In Two Parts, 8/24 & 27

The next six-hour Defensive Driving (Point & Insurance Reduction) course will be held in two parts on Monday and Thursday: August 24 and 27, in the Brookhaven Center, South Room, from 6 p.m. to 9:15 p.m. The course is open to BNL, BSA, and DOE employees, facility-users, and their families. The cost is \$38 per person. Preregistration is required. To register, call Ed Sierra, 821-1013, and leave a message. Include your phone number.

Swim Lessons For 4-Year-Olds

Swim lessons will be offered on Saturday mornings, specifically for 4-year-old children of BNL families. These one-hour lessons begin at 9 a.m. and will run September 12 until October 24. Registration is \$80 per child. For more information, call Sue Dwyer, Ext. 3496, or the Recreation Office, Ext. 2873.

Back to School Supply Drive

Please help support kids in need! Drop off donations, such as pencils, binders, backpacks, markers, rulers, calculators, bookcovers, pens, glue, folders, lunch boxes, loose-leaf paper, crayons, notebooks — at Bldg. 400 Rec. Office until August 21.

BERA Trip: Cape Cod

Buy tickets weekdays, 9 a.m.–3 p.m. at the BERA Store in Berkner Hall. Coaches depart BNL from the Brookhaven Center. For information on more trips, see www.bnl.gov/bera/recreation/events.asp. **Cape Cod:** October 2 – 4. Ferry ride, tours of Martha's Vineyard and the Kennedy compound, shopping, and whale watching or dune buggy ride. Singles: \$406, doubles: \$350 each, triples: \$330 each, quadruples: \$315 each — includes transportation, lodging, and some meals. For more information, contact Joann Giambalvo, Ext. 7459, giambalvo@bnl.gov.

Change Ahead In Service-Station Contractor

Upton Industries, Inc., the current contractor for BNL's on-site service station, is leaving the Lab at the end of this month, with Monday, August 31, as the last day that the station will remain open.

A new contractor will start operating on or about November 2, possibly a little earlier. In the interim, the on-site service station will be closed for repairs and maintenance. During this time, the Lab community is asked to get gas and have vehicle repairs done off-site.

BERA Trips

Buy tickets weekdays, 9 a.m.–3 p.m. at the BERA Store in Berkner Hall. Coaches depart BNL from the Brookhaven Center. For information on more trips, see www.bnl.gov/bera/recreation/events.asp.

Central Park NY Bike Tour:

Sat., 8/22. Two-hour bicycle tour through Central Park. \$40/person, for coach; bike and helmet rental; and tour. Depart BNL 8 a.m., Depart NYC 4 p.m.

US Open Tennis, Billie Jean King Tennis Center:

Tues., 9/8. \$55/person, includes coach bus and upper promenade tickets. Leave BNL 8:30 a.m., leave stadium 7:30 p.m.

NYC Dinner Cruise:

Fri., 9/11. \$95 per person includes open bar, dinner buffet, and dancing. Depart BNL 6 p.m. and leaves NYC at midnight.

BIG E State Fair in Springfield, MA:

Sat., 9/19. \$15/person (adult or child). Depart BNL 7:30 a.m., depart fair 5:30pm. www.thebigestatefair.com/docs/Fair_info/09Brochure.pdf

Bronx Zoo:

Sat., 9/26. \$23/person includes coach and "Total Experience" ticket. Leave BNL 9 a.m., leave zoo 5 p.m. Children two and under who sit on your lab are free.

NASCAR, Dover Internat'l Speedway:

Sun., 9/27. \$120/person includes coach, race, picnic. Four-ticket max/person for first 2 weeks of sales.

Classified Advertisements

Placement Notices

The Lab's placement policy is to select the best-qualified candidate for an available position. Candidates are considered in the following order: (1) present benefits-eligible employees within the department/division and/or appropriate bargaining unit, with preference for those within the immediate work group; (2) present benefits-eligible employees within the Laboratory; and (3) outside applicants. In keeping with the Affirmative Action Plan, selections are made without regard to age, race, color, religion, national origin, sex, disability or veteran status. Each week, the Human Resources Division lists new placement notices, first, so employees may request consideration for themselves, and, second, for open recruitment. Because of the priority policy stated above, each listing does not necessarily represent an opportunity for all people. Except when operational needs require otherwise, positions will be open for one week after publication. For more information, contact the Employment Manager, Ext. 2882. Access current job openings on the World Wide Web at www.bnl.gov/HR/jobs/.

To apply for a position, go to www.bnl.gov. Select "Job Opportunities," then "Search Job List."

OPEN RECRUITMENT – Opportunities for Lab employees and outside candidates.

POSTDOCTORAL RESEARCH ASSOCIATE (Microbiology, Biochemistry, Molecular Biology) – Requires a Ph.D. in microbiology and biochemistry with experience in microbial physiology, enzymology, and molecular biology. Is expected to interact closely with molecular biologists and chemists in the Biology and Chemistry Departments; a multidisciplinary research group engaged in biofuels research at BNL. The project involves fermentation of ionic liquid pretreated cellulose to ethanol and butanol by anaerobic bacteria *Clostridia* and its genomic analyses and metabolic engineering aimed at increasing cellulose bioconversion to biofuels. Will also investigate the bioconversion of lignocelluloses to biofuels using improved methods. Under the direction of A. J. Francis, Environmental Sciences Department and J. Dunn, Biology Department. BNL policy states that Research Associate appointments may be made to those who have received their doctoral degrees within the past five years. Apply for Job ID #14993.

RESEARCH ASSOCIATE (RA-1) – Single Particle Dynamics - The National Synchrotron Light Source II Project is seeking a post-doctoral research associate with a strong background in single particle dynamics for the NSLS-II accelerators. Reporting to the NSLS-II Accelerator Physics Group Leader, will participate in the continuing design and optimization of the NSLS-II storage ring lattice, including analysis of the impact of errors, the incorporation of damping wigglers and insertion devices. This position requires a PhD degree in physics or engineering and experience in single particle dynamics. Expertise in nonlinear single particle dynamics as applied to particle beams in storage rings and in performing machine studies on storage rings is highly desirable. National Synchrotron Light Source II. Apply for Job ID #14991.

CHIEF FINANCIAL OFFICER - Reporting to the Laboratory Director, will provide leadership, direction, and oversight for the financial affairs for the Laboratory, including financial and administrative activities such as financial services, budget, corporate, policies, and business systems. Will annually present and justify budgets to the DOE, advise management on the internal allocations of these funds, and provide leadership and implementation mechanisms for financial management systems, including internal control and compliance systems. Will also serve as an officer of BSA and participate in the BSA Board meetings. Will coordinate financial governance matters with the partners of BSA, i.e., Battelle Memorial Institute and Stony Brook University. Will have direct management oversight of a staff of 140 and an operating budget of \$20M. Requirements include a minimum of a bachelor's degree in a relevant field (MBA preferred), a minimum of 20 years related experience that includes 10 years of progressive management experience (preferably in a research environment) and excellent oral and written communication skills. Knowledge of government financial/budgeting processes and governance requirements, specifically those of DOE, is highly desirable. In addition, we seek an individual with strong interpersonal skills who will successfully interact with all levels of staff within the Laboratory and those of public agencies. Apply for Job ID #14985.

MECHANICAL RESEARCH ENGINEER (P-9/P-10) - Requires a BSME with a minimum of 10 years of experience with stress and thermal analysis, mechanical design, and manufacturing techniques. Experience with systems and components used with particle accelerators such as high precision magnets, laser photocathode RF guns, cryogenic systems including cryostat design, clean rooms, and accelerator beam lines is essential. CAD/CAE Computer skills with ANSYS, Mechanical, Pro-E, AutoCad, or equivalent programs are required. Excellent written and verbal communication and good interpersonal skills are required to

interact with a diverse group of engineers, scientists, and technical staff. The selected candidate will lead major projects for superconducting RF accelerators and supporting equipment including performing R&D of considerable scope and complexity requiring innovative approaches and techniques. This will include system design, computer analysis and modeling, testing and evaluation of prototypes, component procurement and fabrication, construction and installation of equipment, acceptance tests, commissioning and operations. Collider-Accelerator Department. ERAP Eligible: \$1000.00. Apply to Job ID # 14992.

SR. MECHANICAL DESIGNER (T-4, term appointment) - Responsibilities include generating complex 3D models and 2D drawings of accelerator and beam line components such as BPMs, slits, electromagnets, vacuum components and stages; interpreting and ensuring conformance to applicable standards, codes and policies including ASME Y14.5M; document designs through detailed drawings including bill of material, ECN and catalog items; successful interaction and working closely with engineers and other members of a team. Requirements include AAS degree in mechanical technology or equivalent, and a minimum of six years of experience in 3D modeling of complex mechanical components and systems; demonstrated ability to perform professional level design functions; working knowledge of engineering fundamentals and handbook formulas, machine shop practices and vendor products; considerable experience in managing layouts, parts and assemblies in the drawing database. Preferred requirements include substantial experience in specifying drive components such as motors, gears, bearings, actuators, switches and connectors; experience with Autodesk Inventor CAD software; knowledge of accelerator magnets, vacuum systems, instrumentation and beam line hardware; work experience in an accelerator or light source facility. Position reports to NSLS-II Design Room Supervisor. ERAP Eligible: \$1000. Apply for Job ID #14989.

APPLICATIONS ENGINEER (I-6, reposting) - Requires a bachelor's degree in computer science, business information systems, or a related discipline and a minimum of four years of PeopleSoft programming experience of which three years must be at PeopleSoft version 8.0 or higher. Requires demonstrated proficiency in PeopleTools, PeopleCode, SQR development, PeopleSoft workflow; tree structure and report development. A minimum of three years' experience in developing and programming business applications such as Payroll, Human Resources, Accounts Payable, Purchasing or Inventory is required. Must have excellent working knowledge of business applications. Superior technical and analytical skills are required in addition to excellent communication skills and the ability to work well in a team-oriented environment. Will be responsible for programming business applications and preparing all pertinent application design specifications. Business Services Division. ERAP Eligible: \$1,000. Apply for Job ID #14195.

CARPENTER (LG-9) (Term appointment) - Requires six years' total experience composed of four years' apprenticeship plus two years' experience, or six to eight years total experience composed of formal trade school plus minimum two years' experience; or eight years' total experience. Under minimum supervision, lays out, constructs, modifies and maintains buildings and component parts from construction drawings, rough sketches or verbal instructions. Works with wood, wood substitutes and combination materials and flooring, roofing, and wall materials. Uses hand, portable, and fixed tools common to building construction trades. Installs cabinets, door frames, window glass, interior finishes and hangs doors. Performs roof surveys. May perform Cabinetmaker duties as required. Maintenance and Fabrication Division. Apply to Job ID #14994.

Motor Vehicles & Supplies

07 HONDA RIDGELINE – 4.5K mi. White crew cab pickup, V6 VTEC, 4WD, a/t, a/c, cc, navig system, s/roof, bed liner & towing pkg. 553-9741. \$26,600. 345-9489.

06 AUDI A-4 – 53K mi. 3.2L Quattro, black, showrm cond, many extras. \$23,500. 384-2908.

05 CHRYSLER TOURING 300 – 82K mi. black pearl, mint cond, 6 cyl w/many, many extras. \$9,000 neg. Jared, Ext. 4705, 929-4978 or mjulian@bnl.gov.

03 FORD ESCORT – 45K mi. clean, low mileage AC,PS, 4 cyl 2 dr. great gas mi. \$5,700 neg. AL, Ext. 7859.

01 HYUNDA ELANTRA – 40K mi. white, 4cyl, 4dr, a/t, ac, p/w, ws, am/fm cd, mint cond. \$6,500. Pam, 828-2762.

01 TOYOTA CAMRY XLE – 107K mi. Top of Line Camry in v/gd cond, all pwr, s/roof, tan ext. lthr int, 4 cyl, rem starter, well maint, orig owner. \$7,500 neg. Ext. 2838.

99 FORD VAN E150 ECONOLINE – 173K mi. great work van w/shelves/bins, v/clean, well maint, a/c, new tires, \$3,000/obo. \$3,000 neg. 312-2670.

98 HONDA CIVIC DX 4D – 116K mi. gd cond, new timing belt, brakes, tires, muffler, manual, transmission, some dings. \$2,500 neg. Tommy, Ext. 3594.

97 TOYOTA CAMRY LE – 133.38K mi. 4 dr sedan, c/c, a/c, p/w, p/l, ABS, Fr. air bags, sn/mn roof, pics: <http://tinyurl.com/le7ls2>. \$2,900 neg. Shri, Ext. 4940, 224-522-8352.

97 SUBURU OUTBACK WAGON – 153K mi. Vg cond. AC, FM, 4WD. \$2,700 neg. John, Ext. 4354, 744-6606 or jrmiller@bnl.gov.

95 SAAB 900 SE CONVERTIBLE – 62K mi. gd cond, runs well, many new parts. a/t V6 engine. \$5,500 neg. Doug, 682-9562.

85 CHEVY 30 CHASSIS MINI WINNIE – Orig 350 Chevy eng. NO LEAKS! Evrythng works! many new parts. Pulls tow dolly w/no prob. 516-395-6901, morpheus8655@hotmail.com.

CANVAS CAP FOR P/UP – Softtopper for 72-73" bed, \$250; for '95-2000 Tacoma: Type II hitch, \$95; Neuprene seat covers for ext cab w/60-40 fr, \$95; Ext. 5195 or jcarter@bnl.gov.

OIL FILTERS – For Nissan Pathfinder, Sentra, etc. Ext. 7505.

Boats

38' CHRIS/CRAFT COMANDER – fbgs, 2 vhf rad, dpth find, radar, cb/hailer, twin 260 hp merc/cruisers fwc, 6.5onan gen. fwc, much more. \$15,500 neg. 386-492-3953.

27' CATALINA 1988 SLOOP SAILBOAT – loaded, ready to cruise. \$18,000 neg. Joe, 773-837-4490.

11' AVON ROVER 3.41 – '96 hypalon inflatable, inflatable flr, keel, 3 lg chambers, 5p cap, fbglis seat, wood oars and transom, 3.5hp Nissan out. \$1,295 neg. Ext. 2788.

Furnishings & Appliances

27" COLOR TV – Phillips CRT, 2 yrs old excel shape, ask/\$25, call after 6pm. Ying Yang, 443-4180.

BEDROOM SET (6 PIECE) – Mediterranean style vg cond, incl. dresser w/2 mirrors, armoire, 2 end tables. ask \$99 or make offer. Ron, Ext. 4553, 591-1390.

DINING ROOM SET – lg Colonial, seats 8, incl hutch, dark pine, grt cond, pic/dimensions avail, \$450. Ext. 3750, 672-4141.

KITCHEN SET – 5-pc kit set, dark cherry, 1 yr old, \$50, pic avail. <http://tinyurl.com/ncxk2k>. Linda, Ext. 3750, 672-4141.

LEATHER SOFA – black w/love seat, v/gd cond, used in clean home, w/no smoker/pet, ask/\$300, call after 6 pm. 443-4180.

MICROWAVE CABINET – wood, w/wheels, 52.5x17.5x24w, towel rack, drawer, storage, shelf, 20.5wx18h, photo avail, \$35/obo. Ext. 2198 or lysik@bnl.gov.

SOFA – beige/tweed, scrolled arms w/wd trim, 88"Wx37"Hx38"D + free not exact match chair if want, \$150/obo. Pickup by 8/14. Photo via email. Ext. 2733, 395-6784 or dipierro@bnl.gov.

SOFA – approx 84" x 43" w; love seat approx 64" x 43" w, \$400/both microfibre, gd cond. 384-7801.

VARIOUS ITEMS – 6000 BTU Window rm a/c unit, \$50; Toaster Phillips 5s, Hand Mixer Kidchenaid, \$10, q/size Ikea birch bed, \$60. Ext. 2172.

Audio, Video & Computers

35MM SLIDE SCANNING SERVICE – www.pictureperfectscans.com scans & color corrects slides, photos, negs, converts to DVD. Music slideshows. 928-6469.

CAMCORDER – Canon ZR800 digital video neo in box w/owner's manual, comes w/4 digital video cassettes and optional carry case, new/\$489, sell/\$275. Ext. 2913.

PRINTER – Epson Stylus CX5200 plus many cartridges, just black&white, \$25. Ext. 2172.

VARIOUS – 19" TV Insignia \$30, 27" TV GE \$40, VCR Player Panasonic \$15, Boom box Sony \$20, Memorex Portable Karaoke Sym w/2 Micros & CDs, \$20. Ext. 2172.

VOICE RECORDER – Olympus D1000 digital recordr, new in box w/owner's manual, record notes, etc. has/PC card adaptor for downloading files, \$75. Ext. 2913.

Wanted

FIREWOOD – Oak, Maple, Locust, I will remove unwanted firewood that is piled in your yard, logs that are split/unsplit, 16"-18" pieces, nr Rocky Pt area. Michael, Ext. 7861, 849-2329, jacobellis@bnl.gov.

GPS – please let me know if you want to sell your spare/usable GPS, thanks. Feng, Ext. 4388.

LITTLE TIKES PICNIC TABLE – Would like to find a used Little Tikes picnic table, reasonable. Joyce, Ext. 4229.

OLD VIDEO GAMES – Seeking NES games, SNES, N64, Genesis, Saturn, Sega CD, Etc... Please contact me. Thanks. Jesse, Ext. 2122 or jmontalto@bnl.gov.

Miscellaneous

2000 DUTCHMAN TRAILER – 27' white, slps 8 w/qn sz bed, kids bunks, full fridge, stove, m/wave, stereo, more, pics on req. \$7500/neg 553-9741. 345-9489.

ABS SEIZER – Body By Jake with instructional DVD. \$50.00. Chris, 979-7043.

COOPERSTOWN, NY – VACATION – 4bd/2bth home, 200 acres; 10 min to town center, Baseball Hall Of Fame, Dreams Park, Howe's Caverns, a/c, dsl, sat tv, 8/28-9/4, \$950. Ext. 3005, rbuono@bnl.gov.

PICTURE FRAMES – Various sizes, 24 x 36 to 8 x 11, gd cond/materials, some w/glass, take some or all, make offer. Kathleen, Ext. 7114.



Roger Stoutenburgh 01/26/2007

BNL's on-site residents include shrewd squirrels...

On-Site Gas Prices Reduced 8/17-21

All gas prices will be reduced next week at the on-site service station, Upton Industries, Inc., Monday through Friday, 8/17-21.

SOUTHWEST AIRLINE VOUCHER – \$661 to use on any SW flight, must use by Nov 30, ask/\$560/\$100 savings. Gregg, Ext. 4548, 874-8631 or gtomasello@bnl.gov.

SPRINKLERS – sprinkler heads, poly pipe, also repair and complete lawn irrigation systems installed. Michael, Ext. 5262, 284-2277.

TREO CHARGER – used iGO plug-in charger for Treo, \$10; for home/office, not car; excel cond. Ext. 5195 or jcarter@bnl.gov.

VENDING MACHINE – Authentic/Vintage One-Cent Gumball Vending Machine. \$50.00. Chris, 979-7043.

Yard & Garage Sales

MOVING SALE – best offer taken: a/c 7800 Btu \$85; bike/\$70; q & dble beds/\$100/set; weed wckr/\$45; 27"TV/\$75; 15" Sony mntor/\$50; full list + pics: <http://tinyurl.com/le7ls2>. Ext. 4940, 224-522-8352.

Community Involvement

FARMERS' MARKET ON FRIDAY'S – Mt. Sinai Heritage Park on 25A. Support local farmers & craftsmen Fridays, 2-6pm. Ext. 5090 or ccarter@bnl.gov.

Happenings

NESCONSET FD BENEFIT CONCERT – Sat. Aug 22, 5pm at the Nesconset Fire Dept-Outdoor Benefit Concert incl'ng 3 local bands, comedian, raffles, DJ. at 25 Gibbs Pond Rd, Nesconset. Sonya, 236-2315 or skiss@bnl.gov.

SCUBA/SNORKEL CLUB – Seeking members for a new BERRA SCUBA/Snorkel Club. lease contact me if interested. Debbie, Ext. 5664 or bauer@bnl.gov.

SINGLES BBQ & MEMBERSHIP DRIVE – Friday 8/14 at BNL Gazebo @ 5pm. All singles are welcome to attend. Please call or email to add your name to the guest list. Kim, Ext. 7465 or khayes@bnl.gov.

Free

DOG FOR ADOPTION – 2.5 yr old dog for adoption, see pic, here <http://longisland.craigslist.org/pet/1315100585.html>. 344-3906.

Sports, Hobbies & Pets

26' FLEETWOOD WILDERNESS – '06, used 3 times, under 150 mi, slide out, all opts, slps 6, bike rack, awning, micro, tv/cd/air, shower, dual batt. \$13,000/neg. 697-6383.

Tools, House & Garden

REFORMED POND – 50 gall. kidney-shaped \$25. Denise, Ext. 2881, 871-0561.

For Rent

NAPLES, FL – 2br/2ba furn condo in golf community. Off-season rate \$1,200/mo. through Dec. Also avail for monthly seasonal rental. 523-7870 or blade@bnl.gov.

EAST MORICHES – 1 bdrm newly renovated bsmt apt, 10 min to Lab, \$800/mo. 793-3599.



Roger Stoutenburgh 01/26/2007

... and charming chipmunks.